"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

L 11302-67 EWT(1) IJP(c)

ACC NR: AP6025965 SOURCE CODE: UR/0051/66/021/001/0114/0116

AUTHOR: Anderson, E. M.; Anderson, E. K.; Trusov, V. F. 46

ORG: none 8

TITLE: Modification of power calculations for base metal atomic oscillators so as to account for spin-orbital interactions

SOURCE: Optika i spektroskopiya, v. 21, no. 1, 1966, 114-116

TOPIC TAGS: quantum oscillator, wave equation, spin orbit coupling, line splitting, multiplet splitting, Schroedinger equation

ABSTRACT: On the basis of a modified form of the Schroedinger wave equation, the authors calculated the energies of optical transitions for several base metals. The tables are useful for making accurate calculations of the power output from quantum oscillators. Generally, these power calculations reduce to the solution of a matrix with elements of the type $\int f_i r f_k dr$, where f_i; f_k are the radial wave functions for an optical electron transition in a base metal atom. These functions are solutions to the Schroedinger equation

$$f''_{nl}(r) = \left[2\varepsilon - \frac{2Z(r)}{r} + \frac{l(l+1)}{r^2}\right] f_{nl}(r).$$

Card 1/2 UDC: 539.184.001.1

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

L 03025-67

ACC NR: AP6025965

which does not account for the spin-orbital interactions. These effects, however, can be accounted for in the framework of the nonrelativistic theory by the inclusion of the corresponding operator in the wave equation

$$f''_{nl}(r) = \left[2\varepsilon - \frac{2Z(r)}{r} + \frac{l(l+1)}{r^2} + \frac{\gamma}{c^2}\left(\frac{Z}{r^3} + \frac{1}{r}\frac{dV}{dr}\right)\right] f_{nl}(r),$$

where $V(r)$ is the deflecting potential, $\gamma = \begin{cases} \frac{1}{2}l & \text{where} \quad j = l + \frac{1}{2} \\ -\frac{1}{2}(l+1) & \text{where} \quad j = l - \frac{1}{2}. \end{cases}$

The deflecting potential can be expressed as

$$V(r) = \frac{Z-1}{r}\left[1 - \frac{\exp(-ar)}{1+Ar}\right],$$

The authors used these expressions to compile tables for the values of f for sodium, potassium, and cesium. Orig. art. has: 4 tables, 3 formulas.

SUB CODE: 20/ SUBM DATE: 21Dec65/ ORIG REF: 005/ OTH REF: 004

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APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERSON, E.M.; BUSKA, Z.A.; GRINBERG, R.O.; SAULGOZHA, A.K.

Optical transition probability of the diffuse series of sodium.
Vest.Len.un.11 no.4:27-31 F '56. (MLRA 9:7)
(Sodium--Spectra)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ACCESSION NR: AP4020918 S/0051/64/016/002/0177/0181

AUTHOR: Anderson, E.M.; Zilitis, V.A.

TITLE: Calculations by a semi-empirical method of the oscillator strength for sodium and potassium atoms

SOURCE: Optika i spektroskopiya, v.16, no.2, 1964, 177-181

TOPIC TAGS: oscillator strength, atomic transition, sodium transition socillator strength, potassium transition oscillator strength, f number, transition probability, transition matrix element, sodium, potassium

ABSTRACT: The values of the mean oscillator strengths for sodium and potassium atoms were calculated. The computations were performed with the aid of a BESM-2 computer, which was programed for calculating the radial wave functions, oscillator strengths and matrix elements $|r_{ik}|$ and $|r^2_{ik}|$ by the semi-empirical method proposed by M.I.Petrashen' and I.V.Abarenkov (Vestnik, LGU, No.5,141,1954). The basic equations used in the method are adduced. The computation results are presented in the form of tables giving the mean oscillator strengths of optical ns→np, np→md and nd→nf transitions in Na and K between states whose energies are listed in the

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ACC.NR: AP4020918

tables of C.Moore (Atomic Energy Levels, 1, Nat.Bureau of Standards, Wash.1949) for n and m $\leq$ 19. For all series, except nd→mp transitions in K, the oscillator strength varies monotonically with increase of the principal quantum number n. The non-monotonic variation of f for nd→mp transitions in K is borne out by experiment. For comparison the experimental data for the principal series of Na, obtained by G. S.Kvater (Vestnik,LGU,No.2,135,1947) and A.Filipov and W.K.Prokofjew (Zs.f.Phys.56, 458,1929) are also listed; the agreement is fairly good but not consistent. Orig. art.has: 6 formulas and 8 tables.

ASSOCIATION: none

SUBMITTED: 15Apr63 DATE ACQ: 02Apr64 ENCL: 00

SUB CODE: PH NR REF SOV: 003 OTHER: 004

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APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ACCESSION NR: AP4020949 S/0051/64/016/003/0382/0389

AUTHOR: Anderson, E. M.; Zilitis, V. A.

TITLE: Semi-empirical calculations of the oscillator strengths for lithium, rubidium, and cesium atoms

SOURCE: Optika i spektroskopiya, v. 16, no. 3, 1964, 382-389

TOPIC TAGS: oscillator strength, f number, atomic transition, lithium oscillator strength, rubidium oscillator strength, cesium oscillator strength, lithium, rubidium, cesium

ABSTRACT: The mean oscillator strengths f_{ik} for the ns→mp, np→md, and nd→mf transitions in lithium, rubidium, and cesium atoms were computed by a procedure outlined in an earlier paper of the same authors (Opt. i spektr., 16, 177, 1964). [Abstracter's note: Calculations with the aid of a BESM-1 computer programmed on the basis of the semiempirical formulas of M. I. Petrashen' and I. V. Abarenkov (Vestnik LGU, No.5, 141, 1954).] The necessary experimental energy values were taken from the tables of C. E. Moore (Atomic Energy Levels, Nat.Bur.of Standards, Vols.I, II, and III, Wash, 1949, 1952, and 1958) for n and m ≤ 19, and the

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ACCESSION NR: AP4020949

screening potentials were obtained by interpolation of the results of self-consistent field calculations by Fock and Hartree. The basic computation formulas are cited. The computed values of f_{ik} (without the sign) are listed in tables, and are compared with the corresponding experimental values reported by different investigators. For Li there were also performed calculations with the potential obtained by solution of the self-consistent field equation with the aid of an M-20 computer by A. V. Ivanova and others (Litovskiy fizich.sb.,3,1964). The oscillator strength values obtained in this case agree to the third significant digit with those yielded by the above mentioned calculations, i.e., using the interpolated Fock potential. "The authors are grateful to A. V. Ivanova for enabling them to use the computer-determined value of the potential for lithium." Orig. art. has: 5 formulas and 12 tables.

ASSOCIATION: none

SUBMITTED: 22May63 DATE ACQ: 02Apr64 ENCL: 00

SUB CODE: PH NR REF SOV: 004 OTHER: 007

Card 2/2

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

L 03025-67 EWT(1) IJP(c)

ACC NR: AP6025965 SOURCE CODE: UR/0051/66/021/001/0114/0116

AUTHOR: Anderson, E. M.; Anderson, E. K.; Trusov, V. F.

ORG: none

TITLE: Modification of power calculations for base metal atomic oscillators so as to account for spin-orbital interactions

SOURCE: Optika i spektroskopiya, v. 21, no. 1, 1966, 114-116

TOPIC TAGS: quantum oscillator, wave equation, spin orbit coupling, line splitting, multiplet splitting, Schroedinger equation

ABSTRACT: On the basis of a modified form of the Schroedinger wave equation, the authors calculated the energies of optical transitions for several base metals. The tables are useful for making accurate calculations of the power output from quantum oscillators. Generally, these power calculations reduce to the solution of a matrix with elements of the type $\int f_i r f_k dr$, where f_i; f_k are the radial wave functions for an optical electron transition in a base metal atom. These functions are solutions to the Schroedinger equation

$$f''_{nl}(r) = \left[2\varepsilon - \frac{2Z(r)}{r} + \frac{l(l+1)}{r^2}\right] f_{nl}(r).$$

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which does not account for the spin-orbital interactions. These effects, however, can be accounted for in the framework of the nonrelativistic theory by the inclusion of the corresponding operator in the wave equation

$$f''_{nl}(r)=\left[2\varepsilon-\frac{2Z(r)}{r}+\frac{l(l+1)}{r^2}+\frac{\gamma}{c^2}\left(\frac{Z}{r^3}+\frac{1}{r}\frac{dV}{dr}\right)\right]f_{nl}(r),$$

where $V(r)$ is the deflecting potential, $\gamma=\begin{cases}\frac{1}{2}l & \text{where} \quad j=l+\frac{1}{2}\\ -\frac{1}{2}(l+1) & \text{where} \quad j=l-\frac{1}{2}.\end{cases}$

The deflecting potential can be expressed as

$$V(r)=\frac{Z-1}{r}\left[1-\frac{\exp(-ar)}{1+Ar}\right].$$

The authors used these expressions to compile tables for the values of f for sodium, potassium, and cesium. Orig. art. has: 4 tables, 3 formulas.

SUB CODE: 20/ SUBM DATE: 21Dec65/ ORIG REF: 005/ OTH REF: 004

Card 2/2

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

BREDS, Andrejs; SNITKO, Konstantins: LIELAIS, A.[translator]; ANDERSONE,M., red.; SUDARS, J., tekhn. red.

[Geography of the Latvian S.S.R.; textbook for grade 9 of secondary schools] Latvijas PSR geografija; macibu gramata vidusskolu IX klasei. Riga, Latvijas Valsts izdevnieciba, 1959. 82 p. (MIRA 15:4)

(Latvia--Geography)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERSON, E.M.; ZILITIS, V.A.

Semiempirical method for calculating the oscillator forces for sodium and potassium atoms. Opt. i spektr. 16 no.2:177-181 F '64. (MIRA 17:4)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERSON, Kh. A.

ANDERSON, Kh. A. — "Clinical-Experimental Investigations of the Treatment of Palatinal Occulsion of the Upper Incisors with Functionally Active Devices." Acad Sci Latvian SSR, Inst of Experimental Medicine, 1953. In Latvian (Dissertation for the Degree of Candidate of Medical Sciences)

SO: Izvestiya Ak. Nauk Latviyskoy SSR, No. 9, Sept., 1955

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

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totally disconnected subset K of X is called a section of

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

Anderson, V.Ya

124-1957-10-11243

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 10, p 10 (USSR)

AUTHOR: Anderson, V. Ya.

TITLE: On the Conditions of Stability and Instability in Linear Systems With Two Degrees of Freedom (Ob usloviyakh ustoychivosti i neustoichivosti lineynykh sistem s dvumya stepenyami svobody)

PERIODICAL: Uch. zap. Gor'kovsk. un-t, 1957, Vol 35, pp 202-219

ABSTRACT: By way of a critical analysis of Rocard's statements (Rocard, J., Dynamique générale des vibrations, Paris, 1948), self-exciting conditions in linear systems with two degrees of freedom are presented. The forces applied to the system are subdivided into conservative, dissipative, and active. Active forces are forces with negative dissipation and directional coupling. Distinction between stable and unstable ranges is performed by constructing Vyshnegradskiy's diagram. The results show that instability may arise from negative dissipation or the presence of an inverse coupling. The conditions of stability and instability of systems close to a linear conservative condition were given special attention. It is shown that the main cause of instability is the magnitude of the couplings (Mandel'shtam, L. I.,

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERSON, Ya. E. (Engineer, Main Welding Laboratory, Latvian SSR)

"An automatic five-arc unit for hard facing of track lugs."

Report presented at the 3rd Baltic Conference on Welding, convened by the Sovnarkhozes of the Lithuanian SSR, Latvian SSR, and Estonian SSR, 8-9 April 1964, Vilnyus.

[Avtomaticheskaya SVARKA, No. 7, 1964 p. 95]

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

L 44124-66 EWT(m)/EWP(1) WW/JH/GM

ACC NR: AP6030657 SOURCE CODE: UR/0020/66/169/006/1332/1334

AUTHOR: Andersons, A. A.; Yurel', S. P.; Shimanskaya, M. V.; Giller, S. A. (Academician AN LatvSSR)

ORG: Institute of Organic Synthesis, Academy of Sciences LatvSSR (Institut organicheskogo sinteza Akademii nauk LatvSSR)

TITLE: Vapor-phase contact deamination of polyfunctional amines

SOURCE: AN SSSR. Doklady, v. 169, no. 6, 1966, 1332-1334

TOPIC TAGS: amine deamination, catalyst activity, kaolin, alumina, diethylenetriamine, ethanolamine, triethylenediamine, piperazine, pyrazine

ABSTRACT: Vapor-phase deamination of diethylenetriamine and dehydration of ethanolamine over kaolin, kaolin with 5% MoO_3, active alumina, and alumina with B_2O_3, P_2O_5, MoO_3, WO_3, and SiO_2 was studied at 300—500C to determine the effect of the catalysts on the reaction products composition and the catalyst selectivity. The yield and the composition of the catalyzate depend on both the catalyst present and the temperature. Gas-liquid chromatographic analysis of the reaction products showed that the composition of the catalyzate varied with both the catalyst present and temperature. The reaction product formed in the deamination of

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UDC: 541.128.13+547.415+547.861.9

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

L 44124-66

ACC NR: AP6030657 O

found to be most stable. Alumina containing 5% MoO_3 was the most selective catalyst with respect to the formation of pyrazine, while triethylenediamine, ethylenediamine, and piperazine were not found among the reaction products formed over this catalyst. The addition of acid oxides to the catalyst has a positive effect on the conversion of diethylenetriamine into triethylenediamine. Orig. art. has: 2 figures. [PS]

SUB CODE: 07/ SUBM DATE: 21Dec65/ ORIG REF: 006/ OTH REF: 013/ ATD PRESS: 5072

Card 3/3

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERSONS, Paula; NEILANDE, Lidija; MACEJEVSKA, E., red.; AKE, I., tekhn. red.

[Laboratory work in organic chemistry] Organiskas kimijas laboratorijas darbi. Riga, Latvijas Valsts izdevnieciba, 1962. 389 p. (MIRA 16:5)
(Chemistry, Organic--Laboratory manuals)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

S/081/62/000/016/014/043
B168/B186

AUTHOR: Andersson, B.

TITLE: A note on Tesařík's friction factor vs, Reynolds' number relationship for fluidized beds

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 16, 1962, 289, abstract 16I27 (Collect. Czechosl. Chem. Communs, v. 26, no. 11, 1961, 2957-2958 [Engl.; summary in Russian])

TEXT: It is shown that Tesařík's equation (RZhKhim, no. 22, 1958, 74216) cannot be used to characterize fluidized beds of identical spheres since it gives no information on the kinematic or dynamic relations in the bed. Instead, it is assumed that L(1 - m) is the constant for a given bed. (L = depth of bed, m = porosity). [Abstracter's note: Complete translation.]

Card 1/1

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERSZ, Urszula; AWSTRIC, Roman

Simultaneous thrombosis of the renal vein and artery. Polski przegl. chir. 34 no.6a:591-595 '62.

1. Z Oddzialu Urologicznego Szpitala Miejskiego w Slupsku Ordynator: dr R. Awstric.

(THROMBOSIS case reports) (KIDNEYS blood supply)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERT, A.

Results of research on the use of tractors and other machinery for cultivation.

p. 269
Vol. 3, no. 5, 1956
BESEDA VENKOVSKE RODINY
Praha

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 12
December 1956

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERT, A.

Development of the cultivating tractor. p. 89. SBORNIK. RADA MECHANISACE A ELEDTRIFIKACE ZEMEDELSTAVI A LESNICTVE. Praha. Vol. 28, no. 2/3, Sept. 1955.

SOURCE: East European Accessions List (EEAL) Library of Congress Vol. 5, no. 7, July 1956.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERT, A.

Some basic questions in cable-driven plowing. p. 203.
SBORNIK. RADA MECHANISACE A ELEDTRIFIKACE ZAMEDELSTAVI A LESNICTVE.
Praha. Vol. 28, no. 4, Oct . 1955.

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 7, July 1956.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERT, A.

Problem of finding a correct method of testing and evaluating beet harvesters. p. 1. SBORNIK. RADA MECHANISACE A ELEDTRIFIKACE ZAMEDELSTAVE A LESNICTVE. Praha. Vol. 29, no. 1, Jan. 1956

SOURCE: EEAL, Vol, 5, no. 7, July 1956

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERT, A.

Experience with tractor tests in England; organization of the Institute for Research in Agricultural Engineering. p. 542.

VESTNIK. Vol. 3, no. 10, 1956

Praha, Czechoslovakia

SOURCE: East European List (EEAL) Library of Congress, Vol. 6, No. 1, January 1957

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERT, A.

Tractor-testing in France; organization of the State Institute for Study and Experimentation with Agricultural Machinery. p. 119. (VESTNIK. Praha) (Vol. 4, No. 3, 1957)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, No. 7, July 1957. Uncl.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERT, A.

"A survey of the work and organization of the Research Institute for the Mechanization of and Electrification of Agriculture."

p. 7 (VEDECKE PRACE. Vol. 1, 1957 Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 7, 1958

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERT, A.

"The use of dual rear wheels with tires and a four-wheeled drive on tractors."

p. 215 (VEDECKE PRACE. Vol. 1, 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 7, 1958

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERT, A.

AGRICULTURE

PERIODICAL: SBORNIK RADA MECHANISACE E ELEKTRIFIKACE ZEMEDELSTVI
VOL. 31, no. 5, Dec. 1958

Andert, A. Possible uses of radioisotopes in agricultural engineering.
p. 351.

Monthly List of East European Accessions (EEAI), LC, Vol 8, no. 5,
May 1959, Unclass.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ALBERT, A.

Experience concerning the relation and effect of certain parameters of tractor tires on the agricultural technique. p. 247.

Praha. Ceskoslovenska akademie zemedelskych ved. SBORNIK. ZEMEDELSKA TECHNIKA. Praha, Czechoslovakia. Vol. 5. no. 4/5 Aug. 1959

Monthly list of East European Accessions (EEAI) LC Vol. 9, no. 2 Feb. 1960. Uncl.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERT, Antonin, ing.; BOHATA, Frantisek, inz.

Method and apparatus for automatic classification, recording and signaling of the relation course of two variable quantities. Zemedel tech 9 no.2:107-122 Ap '63.

1. Vyzkumny ustav zemedelske techniky, Repy u Prahy.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERT, A., inz.; HAS, S., inz.

Role of power engineering in the development of agricultural technology. Zemedel tech 9 no.3:245-258 Je '63.

1. Vyzkumny ustav zemedelske techniky, Repy u Prahy.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERT, Antonin, inz.

Expected economic effectiveness of the mountain tractor in the 28 + 10 per cent output class. Zemedel tech 10 no.1: 27-56 Ja '64.

1. Vyzkumny ustav zemedelske techniky, Repy u Prahy; Reditel ustavu inz. M. Preininger.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDERT, Antonin, inz.

Design of tractors and self-propelled undercarriages and their general use in large-scale agricultural production. Zemedel tech 10 no.11:637-656 N '64.

1. Research Institute of Agricultural Technology, Repy near Prague. Director of the Institute [inz.] M. Preininger.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDEYEV, Ya.I.; GAMZATOV, S.M.

Well drilling with a diamond bit. Burenie no.10:17-19 '64.
(MIRA 18:6)

1. Vostochnaya nefterazvedochnaya ekspeditsiya glubokogo bureniya tresta "Karshineftegazrazvedka".

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDGULADZE, I.G.

Effect of Lugel mineral water on the phagocytic activity of leucocytes and the cellular composition of exudate from the abdominal cavity. Soob. AN Gruz. SSR 22 no.3:369-374 Mr '59. (MIRA 12:8)

1.Tbilisskiy gosudarstvennyy institut usovershenstvovaniya vrachey. Predstavleno chlenom-korrespondentom AN K.P. Chikovani.

(MINERAL WATER) (PHAGOCYTOSIS) (LEUCOCYTES)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDGULADZE, I. V.

ANDGULADZE, I. V. -- "On the Problem of Symmetrical Points in the Auditory Analysor in the Formation of a Unilateral Conditioned Reflex." Georgian State Publishing House for Medical Literature. Tbilisi State Medical Institute. Tbilisi, 1955. (Dissertation for the Degree of Candidate in Medical Sciences.)

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ANDGULADZE, I.V.

Closing of conditioned stimuli of various sides to the unconditioned stimulus of one side. Soob. AN Gruz. SSR 33 no.3:695-700 Mr '64 (MIRA 17:8)

1. Tbilisskiy meditsinskiy institut. Predstavleno chlenom-korrespondentom AN GruzSSR A.N. Bakuradze.

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ANDGULADZE, I.V.

Functional demarcation of symmetric points in the acoustic analyser. Soob. AN Gruz. SSR 34 no.1:175-180 Ap'64
(MIRA 17:7)

1. Tbilisskiy meditsinskiy institut. Predstavlen chlenom-korrespondentom Akademii A.N. Rekuradze.

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ANDGULADZE, I.V.

Functional interrelationship of analysors and their role in the dynamics of unconditioned reflexes. Soob. AN Gruz. SSR 35 no.2:453-459 Ag '64. (MIRA 17:12)

1. Institut travmatologii i ortopedii, Tbilisi. Submitted January 4, 1964.

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDGULADZE, T.Ya.

Sawfly pests (Tenthredinoidea) of Georgia [in Georgian with summary in Russian]. Trudy Zool.inst. AN Grus.SSR 10:223-233 '51.(MLRA 7:7)
(Georgia--Sawflies) (Sawflies--Georgia)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

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Materials on the sawflies (Hymenopters, Chalastogastra) of Klukhori District. Trudy Inst. zool. AN Gruz. SSR. 16:253-259 '58. (MIRA 11:12)

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Materials on the sawflies (Tenthredinoidea) of Verkhnyaya Racha.
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(Georgia--Sawflies)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDGULADZE, T.Ya.

Horntails and sawflies (Hymenoptera, Chalastogastra) of Svanetia.
Trudy Inst. zool. AN Gruz. SSR 18:191-194 '61. (MIRA 15:6)
(Svanetia--Horntails) (Svanetia--Sawflies)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

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ANDGULADZE, V. A.

22657. Andguladze, V.A. K voprosu subkutannoy oksigenoterapii. trudy (tbilis. gos. med. in-t), T.V, 1948, S. 73-80 - na gruz. yaz. - rezyume na rus. yaz.

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ANDGULADZE, V. A.

Experience in the Complex Therapy of Ulcer Disease of the Stomach and the Duodenum at the Borzhomi-Likani Sanatorium. Sovet med. No. 5, May 50. p. 10-12

1. Tbilisi.

CLML 19, 5, Nov., 1950

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ANDGULADZE, V.A., professor

Some clinical and experimental data confirming the cortico-visceral genesis of hypertension. Vrach.delo no.2:123 F '57. (MLRA 10:6)

1. Kafedra propedevticheskoy terapii (zav. - prof. V.A.Andguladze) Tbilisskogo meditsinskogo instituta.
(HYPERTENSION)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

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ANDGULADZE, V.A., prof., zaslushennyy deyatel' nauki

Some late results of treatment of gastric and duodenal ulcer by resection. Nov.khir.arkh. no.6:116 N-D '59. (MIRA 13:4)

1. Kafedra propedevticheskoy terapii Tbilisskogo meditsinskogo instituta. Adres avtora: Tbilisi, ul. Melikishvili, d.10, Meditsinskiy institut.

(PEPTIC ULCER)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDIANOV, L.I.; YEVSEYEV, R.Ye.; POVOLOTSKIY, A.M.; KUZNETSOV, V.A.; OBERSHTEYN, A.A.

Arrangement of copper-aluminum crossovers in the bus bars of electrolytic cells. Prom.energ. 15 no.4:17 Ap '60. (MIRA 13:6)

(Electrometallurgy) (Bus conductors(Electricity))

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDIANOVA, T. I.

USSR/Chemistry

Card 1/1

Authors : Andianova, T. I.; and Roginskiy, S. Z.

Title : Problem concerning the causes hindering the derivation of aldehydes and carboxylic acids through catalytic oxidation of unsaturated hydrocarbons.

Periodical : Zhur. Obshchei Khim. 24, Ed. 4, 605 - 610, April 1954

Abstract : Using the oxidation of propylene with atmospheric oxygen and silver and vanadium catalysts for soft oxidation of hydrocarbons as an example, the authors explain the origin and characteristics of the intermediate products originating in the process of oxidation. The low yields of soft oxidation products may be caused by the fact that aldehydes and acids oxidize readily. The reaction products were analyzed for their content of carboxylic acid by titration in 0.1 % KOH solution and for the aldehyde content by the hydroxylamine method. Complete test results are given in tables.
Four references; 2 USSR since 1934; 2 English since 1946. Tables.

Institution : Academy of Sciences USSR, Institute of Physical Chemistry.

Submitted : October 9, 1953

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDIANOVA, T. I.

USSR/Chemistry - Catalytic Cracking

Card 1/2

Authors : Audreyev, E. A., Andianova, T. I., Klimenok, B. V., Krylov, O. V., Roginskiy, S. Z., Memb. Corres. of Acad. of Sc. USSR; and Sakharov, M. M.

Title : Radio-chemical investigation of secondary reactions of catalytic cracking of hydrocarbons

Periodical : Dokl. AN SSSR, 96, 781 - 784, June 1954

Abstract : The radio-chemical methods of investigating the secondary reactions of catalytic cracking, consist in the simultaneous introduction into the reactor of the hydrocarbon to be cracked, plus one of the cracking products marked with radioactive carbon C^{14} and, consequent, radiometric analysis of the basic cracking products. Experiments show, that the conversion of the hydrocarbon molecules, in conditions of catalytic cracking, are not completed during one process

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Dokl. AN SSSR, 96, Ed. 4, 781 - 784, June 1954 (Additional Card)

Card 2/2

Abstract : of adsorption on the surface of the catalyst. The primary products of hydrocarbon molecule decomposition become desorbed in the gaseous phase. Three references. Tables.

Institution : ...

Submitted : March 9, 1954

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDICS, Endre

More important technical conditions for planning up-to-date assemblage. Gepgyartastechn 1 no. 6:217-219 S '61.

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ANDICH, Endre [Andics, Endre], glaven tekhnolog

Experience of the Dynamo Works of Budapest in the large-scale production of electric motors. Mashinostroene 12 no.6:16-21 S '63.

1. Zqvod "Dinamo", Budapeshta.

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ANDICS, Endre, okleveles gepeszmernok, fotechnologus

Up-to-date manufacturing technology of electric motors.
Elektrotechnika 58 no.2/3:73-79 F-Mr '65.

1. United Electric Machine Factory, Budapest, X., Gyomroi ut 150/154.

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ANDICHEVA, V.

ANDICHEVA, V.

It's possible to keep cut flowers until winter. IUn. nat. no.9: 37 S '57. (MLRA 10:9)

1. Nauchnyy sotrudnik Botanicheskogo sad Moskovskogo gosudarstvennogo universiteta im. Lomonosova.
(Flowers)

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(Med. Clin. U. of Pecs.)

"Methylthiouracil and Aminothiazole in the Treatment of Hyperthyroidism."

Orvosi Hetilap 1948 89/7(101-106)
Abst: Exc. Med. III, Vol. III, No. 3, p. 92

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ANDIK, I

(Med. Clinic & Dept. of Exp. Pathol, Univ. of Pecs)

"The Effect of Methythiouracil on Food Intake and Selection."

Zeit. fur Vita-Hormon-und Fermentforsch., Vienna, 1949, 2/3(259-264)
Abst: Exc. Med. 111, Vol. No. 11, p. 417

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ANDIK, I 1949

(Med. Clinic & Inst. of Exp. Path. U. of Pecs)

"The Thyroxine Sensitivity of Normal and Thyroidectimized Rats."

Experientia, Basle, 1949, 5/5(211-213)
Abst: Exc. Med. III, Vol. No. 12. pp. 457-458)

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ANDIK, I

(Inst. of Exp. Pathol. & Med. Clinic, U. of Pecs)

"The Effect of Thyroxin in Thyroidectimized Rats Treated With Methylthiouracil."

Experientia, Basle, 1949, 5/6(249-250)
Abst: Exc. Med. III, Vol. No. 12, pp. 458

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ANDIK, I

ANDIK, I.; DONHOFFER, S.; MORING, I.; SZENTES, J.

The effect of starvation on food intake and selection. Acta physiol. hung. 2 no.3-4:363-368 1951. (CLML 22:1)

1. Of the Institute of Pathophysiology of Pecs University.

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ANDIK, L., AND OTHERS

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"Effect of the Muscular Work of Rats in Taking and Selecting Food". p. 272,
(KISERLETES ORVOSTUDOMANY. Vol.5, No.4, July 1953, Budapest, Hungary).

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Effect of exercise on food intake and selection in rats. I. Acta physiol. Acad. Sci. hung., 1954, 5, 487–491.—Free choice was offered of 3 rations, each consisting of one part of a standard mixture and two parts of starch, casein and fat respectively, before during, and after a period of forced exercise. Before exercise on a daily average 20 g. of starchy, 5–6 g. of casein rich and 1 g. of fat rich rations were consumed. During exercise there were two phases: in the first consumption of starchy food declined to 15 g., the fatty ration increased to 3 g., and the casein ration to 6 g.; in the second a reversal took place in all the three types. This trend continued during the post-exercise rest phase. The total calorie intake increased during the first phase of exercise from 60 to 75 Calories, and returned to normal after exercise. Mass of [illegible] during exercise from 40 to 45 g. daily. V. B. [illegible]

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

2100. ANDIK I., NAGY L. and TÓTH I. N. Pécsi Orvostud. Egyetem Kórélettani Intézete. *Thyroxintoxicosisos patkányok energiaforgalma különböző környezeti hőmérsékleten. The metabolism of thyroxine treated rats at various environmental temperatures KISÉRL. ORVOSTUD. 1955, 7/2 (141-144) Graphs 5

The BMR of rats treated with thyroxine for 2-6 weeks, is highest at the indifferent temperature; at a lower temperature the BMR is as high as or lower than that of untreated rats. With the aid of urethan (which was demonstrated to prevent hyperthermia-induced hypermetabolism in normal rats) it is shown that a part of the hypermetabolism of thyroxine-intoxicated rats at the indifferent temperature is caused by the same mechanism as the increased metabolism of normal rats placed in high environmental temperatures inducing hyperthermia. During aminothiazol treatment the metabolism of thyroxine treated rats is significantly lower than the minimum value usually observed. Aminothiazol is known to depress metabolism acting through the central nervous system. It is suggested therefore that the minimal oxygen consumption found at low temperatures is at least partly a result of regulation by the CNS. (14h - Dickens)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

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Andik, I.

(MD) The influence of the air temperature on the metabolism of normal and thyroxine-treated rats. I. Andik, L. Nagy and I. Tóth (Med. Univ., Pecs). *Acta Physiol. Acad. Sci. Hung.* 8, 399-401(1955)(In German).—The O_2 consumption of thyroxine-treated rats at 29° amounts almost to 180 ml./dm.^{2}/hr., causing a hyperthermal state. A reduction of the air temp. is followed by a parallel decrease of the O_2 consumption which shows its lowest point around 120 ml. at 15° and then it again increases. Normal rats have a rise of O_2 consumption from about 68 to 145 ml./dm.^{2}/hr., if the air temp. falls from 29° to 7°. —B. Markus

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APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

752. THE EFFECT OF HYPOPHYSECTOMY ON FOOD INTAKE AND FOOD SELECTION IN RATS. Über die Wirkung der Hypophysektomie auf die Nahrungsaufnahme und Nahrungswahl der Ratte - Andik I. Pathophysiol. Inst. der Univ. Pécs - PFLÜGERS ARCH. GES. PHYSIOL. 1957, 264/6 (593-595) Graphs 1

Hypophysectomy causes a decrease of the food intake, but this can be corrected with thyroxine or triiodothyronine. If the rats have free choice among foods rich in casein, rich in fat or rich in starch, the alterations are limited to the starchy food. The body weight, which decreases after hypophysectomy, increases again after administration of thyroxine or triiodothyronine.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

EXCERPTA MEDICA Sec 2 Vol 12/2 Physiology Feb 59

793. PHYSIOLOGICAL VARIATIONS OF BLOOD SUGAR LEVEL IN THE REGULATION OF FOOD INTAKE - A vércukorszint physiológiás ingadozásának szerepe a táplálékfelvétel szabályozásában - Andik I. Orvostud. Egyetem Kórélettani Intézete, Pécs - KISÉRL. ORVOSTUD. 1957, 9/5-6 (489-494) Graphs 1 Tables 4

Hyperglycaemia induced by s.c. administration of glucose did not influence the food intake of rats on various diets and allowed a free choice of foods.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

EXCERPTA MEDICA Sec 2 Vol 12/2 Physiology Feb 59

849. EFFECT OF HYPOTHALAMIC LESIONS ON INTAKE AND CHOICE OF FOOD - Hypothalamusläesiók hatása a táplálékfelvételre és a táplálékválogatásra - Andik I. Orvostud. Egyetem Kórélettani Intézete, Pécs - KISÉRL. ORVOSTUD. 1957, 9/5-6 (494-498) Graphs 3 Illus. 1

Of 35 animals with hypothalamic lesions, 5 showed hyperphagia and obesity. The daily caloric intake of these rats was doubled; their casein intake rose to 10 times and fat intake to 4 times the pre-lesion values, but the intake of starchy foods rose only by 30%. Even so, however, the starchy foods accounted for nearly 1/3 of the excess calories. The body weight increased steeply, parallel to the increase of caloric intake. Rats which had lost weight on a restricted diet put on fat again when allowed to eat ad libitum. The thermoregulation, blood sugar and oxygen consumption in the obese rats did not differ from the normal values.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDIK, Istvan

Effects of thyroxin therapy and thyroidectomy on choice and intake of food by rats. Kiserletes orvostud 9 no.5-6:613-615 Oct-Dec 58.

1. Pecsi Orvostudomanyi Egyetem Koralettani Intezete.
(THYROID GLAND, eff. of excis.
on choice & intake of food by rats (Hun))
(THYROXIN, eff.
same)
(FOOD
choice & intake in rats, eff. of thyroidectomy & thyroxin (Hun))

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDIK, Istvan

Effect of hypophysectomy on choice and intake of food in rats.
Kiserletes orvostud 9 no.5-6:616-618 Oct-Dec 58.

1. Pecsi Orvostudomanyi Egyetem Korelettani Intezete.
(HYPOPHYSECTOMY, exper.
eff. on choice & intake of food in rats (Hun))
(FOOD
choice & intake in rats, eff. of hypophysectomy (Hun))

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDIK, Istvan

Effect of environmental temperature on the choice and intake of food in normal, thyroid ectomized and thyroxin treated rats. Kiserletes orvostud 9 no.5-6:618-621 Oct-Dec 58.

1. Pecsi Orvostudomanyi Egyetem Korelettani Intezete.

(FOOD
choice & intake in rats, eff. of cold in normal, thyroidectomized & thyroxin treated rats (Hun))
(COLD, eff.
on choice & intake of food in normal, thyroidectomized & thyroxin treated rats (Hun))
(THYROID GLAND, eff. of excis.
on choice & intake of food in rats, influence of cold (Hun))
(THYROXIN, eff.
same)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDIK, Istvan

Choice and intake of food in rats with alloxan diabetes. Kiserletes orvostud 9 no.5-6:622-624 Oct-Dec 58.

1. Pecsi Orvostudomanyi Egyetem Korelettani Intezete.
(DIABETES MELLITUS, exper.
choice & intake of food in alloxan diabetes of rats (Hun))
(FOOD
choice & intake in rats, eff. of alloxan diabetes (Hun))

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

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ANDIK, I.; RANK, J.; DONHOFFER, Sz.

The role of the physiological variations of the blood sugar in the regulation of food intake. Acta physiol. hung. 13 no.2:125-130 1958.

1. Pathophysiologisches institut der medizinischen universitat, Pecs.
(BLOOD SUGAR
disproof for regulating eff. of physiol. variations in blood sugar on food intake in rats (Ger))
(FOOD
intake, disproof for regulating eff. of physiol. variations in blood sugar in rats (Ger))

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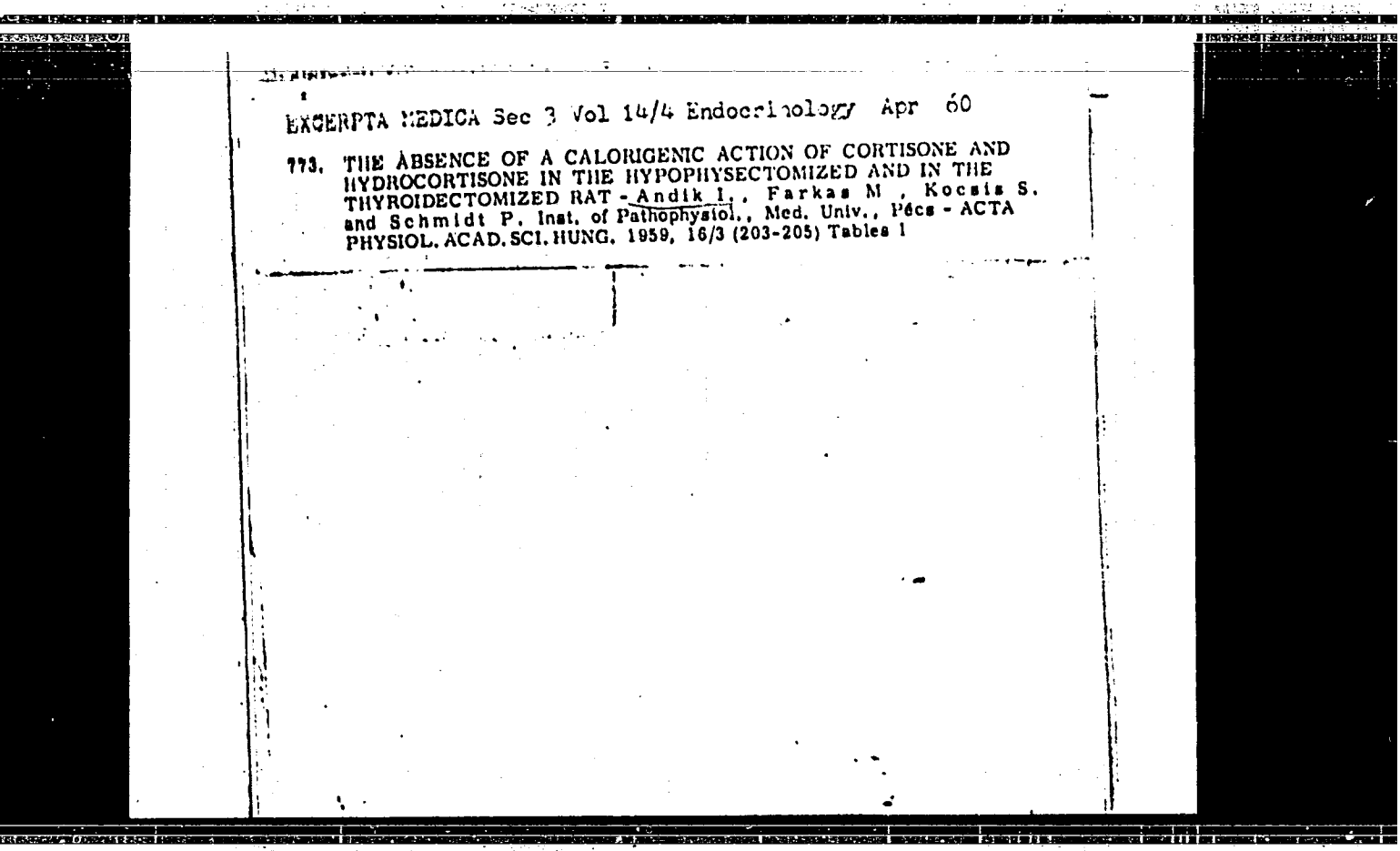

EXCERPTA MEDICA Sec 3 Vol 14/4 Endocrinology Apr 60

773. THE ABSENCE OF A CALORIGENIC ACTION OF CORTISONE AND HYDROCORTISONE IN THE HYPOPHYSECTOMIZED AND IN THE THYROIDECTOMIZED RAT - Andik I., Farkas M., Kocsis S. and Schmidt P. Inst. of Pathophysiol., Med. Univ., Pécs - ACTA PHYSIOL. ACAD. SCI. HUNG. 1959, 16/3 (203-205) Tables 1

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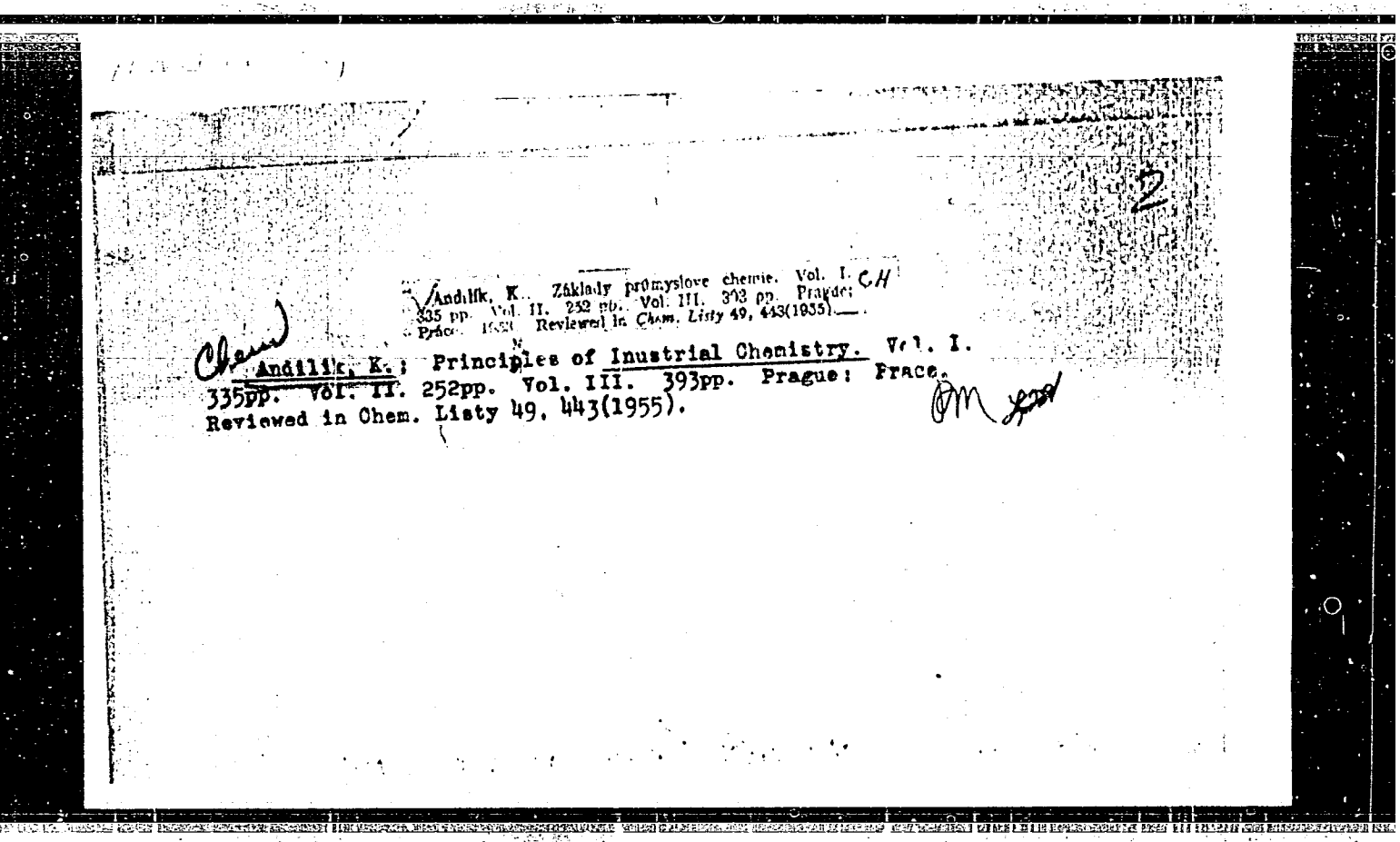

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335 pp. Vol. II. 252 pp. Vol. III. 393 pp. Prague:
Práce. 1955. Reviewed in Chem. Listy 49, 443(1955).

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Andilik, K.; Principles of Inustrial Chemistry. Vol. I.
335pp. Vol. II. 252pp. Vol. III. 393pp. Prague: Prace.
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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDINA, M. I.

USSR/Medicine - Antibiotics Jan 52

"Intraosseous Administration of Penicillin in Hematogenic Osteomyelitis," Prof M. I. Levantovskiy, V. I. Spasov, M. I. Andina, Chair of Faculty Surg, Chkalov State Med Inst

"Sov Med" Vol XVI, No 1, pp 10-12

PA 204T35

Subsequent to surgery, filling of the bone marrow space can be carried out with penicillin paste, A. V. Vishnevskiy's oil-balsam mixt, or by muscle plastic surgery (leaving a stem connected with the transplant). Intraosseous administration of penicillin aids in eliminating the inflammation and stimulates active regeneration of tissues.

PA 204T35

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDINA, M.I.

Case of a nonparasitic hepatic cyst. Khirurgiia 35 no. 5:126 My '59. (MIRA 13:10)

1. Iz gospital'noy khirurgicheskoy kliniki Orenburgskogo meditsinskogo instituta (zav. kafedroy - dotsent S.P. Vilesov).
(LIVER--DISEASES) (CYSTS)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDIN'SH, P. [Andins, P.]; GOBZEMIS, Yu. [Gobzemis, J.]; GORSHKOV, A. MASTEROV, V.

Suggestions of Riga builders. Stroitel' 8 no.3:7-10 Mr '62. (MIRA 15:8)

(Riga--Building--Technological innovations)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ACCESSION NR: AT4033981 S/0000/63/000/000/0024/0028

AUTHOR: Korshak, V. V.; Kogan, A. M.; Sergeyev, V. A.; Shleyfman, R. B.; Gurevich, L. B.; Andion, G. B.

TITLE: The rapid low-temperature alkaline polymerization of Epsilon-caprolactam

SOURCE: Geterotsepny*ye vy*sokomolekulyarny*ye soyedineniya (Heterochain macromolecular compounds); sbornik statey. Moscow, Izd-vo "Nauka," 1963, 24-28

TOPIC TAGS: polymerization, caprolite, capron, low temperature polymerization, alkaline polymerization, caprolactam

ABSTRACT: Influenced by the recent work of Wichterle on a method for the production of high-quality poly-ε-caproamide (Capron), the authors studied the peculiarities of rapid low-temperature polymerization and the properties of the polymeric products with the aim of producing pure and admitted compositions suitable as raw material for large pieces. The polymerization of ε-caprolactam was carried out with equimolar ratios of the sodium salt of caprolactam and N-acetylcaprolactam as a catalytic system. Samples measuring 55 x 6 x 4mm were used in tests for static

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

Papers submitted for the 10th Pacific Science Congress, Honolulu, Hawaii 21 Aug-6 Sep 1961.

[illegible] All From the Institute of Oceanology, Academy of Sciences USSR -
The bottom relief of the Pacific Ocean and its cartographic
representation" (Section VII.A)

[illegible] Institute of Zoology, Academy of Sciences USSR -
"Peculiarities of distribution in the Antarctic and the problem of their
origin" (Section III.C)

[illegible] Institute of Oceanology -
"The Magnetic Properties of the Pacific Ocean" (Section VII.C.2)

[illegible] Institute of Geology of Ore Deposits, Petrography, Mineralogy,
and Geochemistry - (title of paper is blurred, following is
approximate title) - "Hydrothermalith's Discontinuity [sic] Layer
and Petrogenetic Data" (Section VII.C)

[illegible] Institute of Earth Physics imeni O. Yu. Schmidt -
"The character of stresses and ruptures in the earthquake foci of the
Pacific seismic zone" (Section VII.C.2)

[illegible] Institute of Zoology, "On the Pacific origin of
the Amphicaudata family" (Section III.C)

[illegible] Pacific State University - "On the heat processes
in the waters of the Far East (Section VII.B)

[illegible] Institute of Oceanology - "On the transformation
of the plankton of the Pacific drift and in the adjacent waters"
(Section III.C)

[illegible] and [illegible] Institute of Earth Physics imeni
O. Yu. Schmidt - "Genesis and age of the abyssal depression of
the sea of Japan" (Section VII.C.2)

[illegible] Institute of Oceanology - "Accumulations of squid
jaws and shark teeth at the ocean floor" (Section III.C)

[illegible] Institute of Oceanology - "Recent sedimentation
and the geological history of the Okhotsk sea (Section VII.C.1)

[illegible] Institute of Oceanology - "Recent sediments of the Pacific"
(Section VII.C.1)

[illegible] and [illegible] Institute of Oceanology -
"Some specific feature in the geographical distribution of abyssal
pelagic animals (Amphipods)" (Section III.C)

[illegible] Institute of Oceanology - "Ice charts of critical lines
and the character of tidal phenomena in the Pacific Ocean" (Section
VII.D)

[illegible] and [illegible] Institute
of Oceanology - "The distribution of the zooplankton biomass in the
Pacific Ocean" (Section III.C)

[illegible] Institute of Geology Exploitation of Combustible
Materials - "The diagenetic changes in bottom sediments from
the central part of the Pacific"(Section VII.C.1)

[illegible] Institute of Geology - "Sedimentation and the regularities
in the distribution of mineral resources in the Geosynclinal
belt of the Tertiary period in the area of Kamchatka and the
Kuriles Island (Section VII.C)

[illegible] and [illegible] Institute of Oceanology -
"Some chemical features of sediments and ground solutions forming
the lenses in the Pacific (materials of the northwestern part)"
(Section VII.C.1)

[illegible] Institute of Oceanology - "A study of equatorial
currents in the waters Pacific" (Section VII.B)

[illegible] and [illegible] Institute of Oceanology -
"The formation of air masses in the northern part of the Pacific
Ocean" (Section VII.A)

[illegible] Institute of Oceanology - "The regions of formation
and transition courses of anti-cyclons in the northern part of the
Pacific Ocean (Section VII.A)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

RVACHEV, A.L.; ANDIYEVSKIY, A.I.

Effect of photoconductivity of the barrier layer on the spectral distribution of the photovoltaic effect. Zhur. tekh. fiz. 28 no.9: 1939-1944 S '58. (MIRA 11:10)

1.L'vovskiy politekhnicheskiy institut.
(Photoelectricity)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDJELKOVIC, Dusan (Beograd)

Expenditures for treatment and prevention of diseases in Yugoslavia. Narodno zdrav. 10 no.5:154-158 1954.
(MEDICINE, PREVENTIVE
*Yugosl., state appropriations)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDJELKOVIC, Dusan, Beograd

Economic burden due to the diseases in Yugoslavia. Narodno zdrav., Beogr. 10 no.7-8:222-228 1954.
(INDUSTRY AND OCCUPATIONS
absenteeism, economic aspects in Yugosl.)
(WORKMEN'S COMPENSATION AND INSURANCE
in Yugosl., economic aspects)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDJELKOVIC, Dusan, Beograd

Inventory and evaluation of fundamental equipment in health institutions. Narodno zdrav., Beogr. 10 no.12:370-376 1954.
(PUBLIC HEALTH, economics
inventory & evaluation of equip. in health institutions in Yugosl.)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDJELKOVIC, Dusan
SURNAME (in caps); Given Names

(1)

Country: Yugoslavia

Academic Degrees: /not given/

Affiliation: Belgrade

Source: Belgrade, Narodno zdravlje, No 7-8, 1961, pp 235-237.

Data: "Distribution of Personal Income."

10

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDJELKOVIC, DUSAN

SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees:

Affiliation: Blegrade

Source: Belgrade, Narodno zdravlje, No 7-8, 1961, pp 237-245.

Data: "Plans of Operation and Financing of the Institutions of Hygiene."

Authors:

KALIC, Dimitrije, Dr.
ANDJELKOVIC, Dusan.
ILIC, Radmilo

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1/1

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

YUGOSLAVIA

ANDJELKOVIC, Dusan [affiliation not given].

"The Revaluation of Fixed Assets in Public Health Institutions."

Belgrade, Narodno Zdravlje, Vol 19, No 9, 1963, pp 294-297.

Abstract: The article discusses the causes of revaluation (amortization deductions have not kept pace with the need to replace worn-out or outmoded buildings and fixtures in view of the fact that 1954 assessments were based on estimates, that market prices have risen in the meantime, and that foreign exchange rates have changed), the significance of revaluation (amortization deductions are bound to be increased, and the increase is certain to be added to the prices of services rendered by the health institutions), the specific fixed assets to be revalued, and the agencies of revaluation (outside agencies to provide assistance and advice, outside agencies to assess the validity of the revaluation, and units inside the health institutions themselves. The revaluation was to be as of 30 September 1963 and the results forwarded to the Public Accounting Service no later than 15 November 1963.

No references.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

GHENGHEA, Petru, ing.; ANDJULOVICI, Al., ing.

Radiant heating of platforms and waiting rooms by gas. Rev cailor fer 11 no.8:447-452 Ag '63.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDJULOVICI, Al., ing.

Economical combination of ventilation equipment with a heating system by radiation in industries. Rev constr si mat constr 15 no.8:417-419 Ag'63.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDO, J.

"Remarks on the article "Modern 400-V Switchgear Installations in Factories." Elektrotechnika, Budapest, Vol. 47, No. 1, Jan 1954, p. 32.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDO, Jeno; MATEFFY, Sandor; VEN, Mihaly; SEVESTYEN, Endre; FELKAI, Aurel; GERVAI, Zoltan; MAYER, Laszlo; GREGOR, Alder; RASCHOVSKY, Lajos

Remarks on the article "The most important problems of technical development of electric installations in industrial plants and tasks for the manufacturing industry related to this. Villamossag 9 no.1/3:42-46 Ja-Mr '61.

1. A Villamos Eloszerelo Vallalat fomernoke (for Ando). 2. A Koho-es Gepipari Miniszterium Tervezo Irodai villamos tervezesi osztalysnak vezetoja (for Mateffy). 3. A Villamos Allomasszerlo Vallalat fomernoke (for Ven and Felkai). 4. Vegimuveket Tervezo Vallalat (for Sevestyen). 5. Komnyuipari Tervezo Iroda (for Gervai). 6. E.M. Tipustervezo Intezet (for Gregor). 7. E.M. Ipari es Mezogazdasagi Tervezo Vallalat (for Raschovsky).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDO, Jeno; MATEFFY, Sandor; VEN, Mihaly; SEVESTYEN, Endre; FELKAI, Aurel; GERVAI, Zoltan; MAYER, Laszlo; GREGOR, Aladar; RASCHOVSZKY, Lajos; SZELES, Lajos; BEKE, Gyula

Remarks on the article "The most important problems of technical development of electric installations in industrial plants and tasks for the manufacturing industry related to this. Villamossag 9 no.1/3:42-46 Ja-Mr '61.

1. A Villamos Eloszerelo Vallalat fomernoke (for Ando). 2. A Koho-es Gepipari Miniszterium Tervezo Irodai villamos tervezesi osztalyanak vezetoje (for Mateffy). 3. A Villamos Allomasszerelo Vallalat formernoke (for Ven and Felkai). 4. Vegyimuveket Tervezo Vallalat (for Sebestyen). 5. Konnyuipari Tervezo Iroda (for Gervai). 6. E.M. Tipustervezo Intezet (for Gregor). 7. E.M. Ipari es Mezogazdasagi Tervezo Vallalat (for Raschovszky). 8. Orszagos Villamosenergia Felugyelet (for Szeles). 9. Orszagos Villamosenergia Felugyelet (for Beke).

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

ANDO, Jeno, fomernok

VILLESZ-type low-voltage switchboards. Villamossag 11 no.6: 163-166 Je '63.

1. Villamos Eloszerelo Vallalat.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

MIKLIC, Danica, dr.; ANDOLJSEK, H.

Some statistical data on infectious hepatitis in Slovenia in 1959-1963, Zdrav. vestn. 33 no.10:300-306 '64.

1. Zavod SRS za zdravstveno varstvo (Predstojnik: doc. dr. Sasa Cvahte).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

L 3913-66 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l) IJP(c) BC

ACC NR: AP5024543 SOURCE CODE: UR/0378/65/000/004/0103/0103

63
47
B

AUTHOR: Andon, F. 44

ORG: none

TITLE: The third all-union conference on invariance theory and its application to automatic control systems 9, 44

SOURCE: Kibernetika, no. 4, 1965, 103

TOPIC TAGS: automatic control system, automatic control theory, 14 scientific conference, automatic control r and d

ABSTRACT: The Academy of Sciences USSR, the Ukrainian Academy of Sciences, and the State Committee on Instrument Manufacturing, the Means of Automation, and Control Systems under Gosplan USSR are organizing an All-Union Conference on Invariance Theory and its Application to Automatic Control Systems, to be held in Kiev from 31 May to 3 June 1966. 44 The Organization Committee proposed the following topics for discussion: 44

1. Theoretical problems of invariance: a) development of invariance theory for use in the regulation and control of systems with variable parameters, nonlinear systems, systems with many control parameters, self-adapting and extremal systems; b) relationships between invariance theory and other trends in automatic control theory; c) development of invariance theory for

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ACC NR: AP5024543

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use in cybernetics systems; and d) study of invariance in biological systems.

2. Applied problems in the theory of invariance: a) new examples of utilization of invariance theory for developing high-quality automatic systems; b) the use of computers in realizing invariance conditions; and c) study of invariant automatic devices and systems.

The Organization Committee includes the following members: Academician V. S. Kulebakin (Honorary Chairman), Academician B. N. Petrov (Chairman), Academician A. Yu. Ishlinskiy, Academician V. M. Glushkov, Corresponding Member of the Academy of Sciences USSR Ye. P. Popov, Corresponding Member of the Ukrainian Academy of Sciences A. G. Ivakhnenko, Corresponding Member of the Ukrainian Academy of Sciences A. I. Kukhtenko, Doctor of Engineering Sciences P. I. Chinayev (Scientific Secretary). [ATD Press: 4114-F]

SUB CODE: IE / SUBM DATE: none

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APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

02297-67 EWT(d)/T/EWP(1) IJP(c) BB/GG/GD
ACC NR: AT6010530 SOURCE CODE: UR/0000/65/000/000/0035/0041

AUTHOR: Andon, F. I.; Brona, I. I.; Voytova, Ye. L.; Kapitonova, Yu. V. 51 50 B+1

ORG: none

TITLE: A small system for the projection of digital automaton circuits 16

SOURCE: AN UkrSSR. Voprosy teoreticheskoy kibernetiki (Problems in theoretical cybernetics). Kiev, Naukova dumka, 1965, 35-41

TOPIC TAGS: digital computer, automaton, circuit design, Boolean algebra

ABSTRACT: The authors discuss the synthesis of logical devices, consisting in the construction of a reliable functional system to satisfy the specific requirements imposed on the device. Almost all the terms and concepts used by the authors are taken from V. M. Glushkov's book (Sintez tsifrovykh avtomatov. Fizmatgiz, M., 1962). The synthesis problem, as it applies to a specific case, is formulated as follows: on the basis of a prescribed mapping a functional arrangement is constructed having prescribed characteristics. The program system which solves this problem (a small automation system for the projection of digital automaton arrangements) is described in detail. The entire process of device synthesis is divided into the following six stages: 1) testing of the mapping for automaticity; 2) synthesis (in the case of automaton

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101320011-2

PAUNESCU, [illegible], [illegible]; VRZIOU, G[illegible]; MORTZ, I[illegible];
SICLENCU, V[illegible]; PAUA, I[illegible]; BELOIANNIS, O[illegible];
[illegible]; MIRONESCU, C[illegible]; DUMITRESCU, E[illegible];
ANDONE, C[illegible].

[illegible] on use of [illegible] in [illegible] of [illegible]
pi[illegible] and nematode. [illegible]laringologie (Bucur) 20
[illegible].

1. La [illegible] a de otorinolaringologie,
Bucuresti.

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